

BRIERFIELD URBAN DISTRICT COUNCIL.

ANNUAL REPORT

-: of the :-

MEDICAL OFFICER OF HEALTH.



for the

YEAR ENDED 31st December, 1961.

A. BARLOW, M.B., Ch.B.

MEDICAL OFFICER OF HEALTH.



*With the
Compliments of the
Medical Officer of Health.*

*Town Hall,
Brierfield.*



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Public Health Department,
Town Hall,
BRIERFIELD.

Lancashire.

June, 1962.

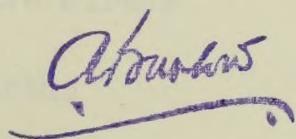
TO:- The Chairman and Members of the Brierfield Urban District Council.

Lady and Gentlemen,

In accordance with the Ministry of Health Circular, No. 1/62, an Interim Report on the lines of the previous Reports is presented for this year. It includes only essential or urgent matters which have affected Public Health during the year. All records and statistics are being preserved so that the annual records may, so far as practicable, be continuous and complete.

I have pleasure, therefore, in submitting for your consideration, the following interim report on the Health, Sanitary Conditions and Public Health Administration in the Urban District of Brierfield for the year ended 31st December, 1961.

I am, Lady and Gentlemen,
Your Obedient Servant,



Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS.

The number of inhabited houses at the end of 1961 according to the Rate Book was 2,655, the rateable value being £77,966 and the sum represented by a penny rate is £320. 0. 0.

The social conditions were generally quite good. The chief industry is cotton weaving with a small amount of spinning and dyeing.

VITAL STATISTICS.

POPULATION. The population as estimated by the Registrar

General for mid 1961 is 6,960.

BIRTHS. 116 Live Births belonging to the District occurred during 1961, as follows :-

	Males	Females	Total.
Live Births (Legitimate)	58	52	110
(Illegitimate)	3	3	6
	<u>61</u>	<u>55</u>	<u>116</u>

Stillbirths (Legitimate)	1	-	1
(Illegitimate)	-	-	-

Stillbirth Rate per 1,000 live and stillbirths 8.5
Total Live and Stillbirths 117

Comparative particulars with regard to live births over the last five years are given in the following tables :-

	1961	1960	1959	1958	1957
Total Live Births	116	90	114	96	107
Crude Birth Rate per 1000 estimated popln.	16.7	13.3	16.8	14.1	15.8
Adjusted Rate	18.3	14.6	18.5	15.5	17.3

Illegitimate Live Births per cent of total live births 5.26.

INFANTILE MORTALITY (a) All infants per 1000 live births 77.6
(b) Legitimate infants per 1000 legitimate live births 81.8

(c) Illegitimate infants per 1000 illegitimate births Nil

NEO-NATAL MORTALITY (a) Deaths of infants under 4 weeks of age 8
(b) Mortality Rate per 1000 live births 69.0.

EARLY NEO-NATAL MORTALITY. Rate per 1000 live births 60.3

PERINATAL MORTALITY Rate per 1000 total births 68.4

Comparative particulars with regard to infant mortality over the last five years are given in the following tables :-

1961	1960	1959	1958	1957
77.6	33.3	8.8	Nil	37

MATERNAL MORTALITY. (a) Deaths from Pregnancy, Childbirth and Abortion Nil

(b) Mortality Rate per 1,000 total live and stillbirths Nil

DEATHS. 109 Deaths belonging to the District occurred during 1961 as follows :-

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Deaths within the Urban District	30	35	65
Deaths outside the Urban District in Hospitals, Institutions etc.	28 58	16 51	44 109

Comparative particulars with regard to deaths over the last five years are given in the following tables:-

	<u>1961</u>	<u>1960</u>	<u>1959</u>	<u>1958</u>	<u>1957</u>
Total Deaths	109	121	101	81	93
Crude death rate per 1000 estmd. population	15.7	17.9	14.9	11.9	13.7
Adjusted Rate	15.2	17.3	14.4	11.6	13.3

The following table gives the ages at which deaths occurred, also the causes of all deaths belonging to Brierfield during 1961.

<u>CAUSE OF DEATH</u>	<u>Und 1 yr</u>	<u>1- 5</u>	<u>5- 15</u>	<u>15- 25</u>	<u>25- 65</u>	<u>Over 65</u>	<u>M</u>	<u>F</u>	<u>TOTAL</u>
Tuberculosis, respiratory					2		1	1	2
Syphilitic Disease						1	1		1
Other Infective and parasitic diseases						1	1		1
Malignant Neoplasm, Stomach						1		1	1
Malignant Neoplasm, Lung					5	1	4	2	6
Malignant Neoplasm, Breast						1		1	1
Malignant Neoplasm, Uterus						2		2	2
Other Malignant and Lymphatic Neoplasms						1	6	3	7
Vascular Lesions of the Nervous System	1					3	11	4	15
Coronary Disease, Angina						11	12	15	23
Other Heart Disease						13	7	6	13
Other Circulatory Disease						1	2	1	3
Influenza						2	1	3	3
Pneumonia						2	4	1	3
Bronchitis						1	3	3	4
Other Diseases of the Respiratory System						1		1	1
Ulcer of the Stomach and Duodenum						1		1	1
Gastritis, Enteritis and Diarrhoea							1	1	1
Hyperplasia of Prostate							1	1	1
Congenital Malformations	1						1		1
Other Defined and Ill-defined Causes	7						5	6	12
Motor Vehicle Accidents							1	1	1
All other accidents							4	3	4
Suicide							1	1	1
	9	--	-	-	28	72	58	51	109

T U B E R C U L O S I S .

NEW CASES AND MORTALITY DURING 1961.

AGE PERIOD	NEW CASES				DEATHS			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	1	-	-	-	-	-	-
1	-	5	-	-	-	-	-	-
5	-	10	-	-	-	-	-	-
10	-	15	-	-	-	-	-	-
15	-	25	-	-	-	-	-	-
25	-	35	-	-	-	-	-	-
35	-	45	1	-	-	-	-	-
45	-	55	-	-	-	-	-	-
55	-	65	-	1	-	-	-	-
Over 65	-	-	-	1	-	-	-	-
	1	-	1	1	-	-	-	-
	1		2		Nil		Nil	

CASES ON THE REGISTER AT THE 31st DECEMBER, 1961.

On the Register at the end of December, 1961, there were 50 cases of Tuberculosis (41 Pulmonary and 9 Non-Pulmonary) as follows :-

	5- 15	15- 25	25- 35	35- 45	45- 55	55- 65	Over 65	TOTAL
Pulmonary								
Tuberculosis	-	7	9	8	9	7	1	41
Non-Pulmonary								
Cervical Glands	3	-	1	1	-	1	-	6
Abdomen	1	-	-	-	-	-	-	1
Perianal	-	-	-	-	-	-	1	1
Renal Tract	-	-	-	-	1	-	-	1
	4	7	10	9	10	8	2	50

As all these cases are dealt with by the County Tuberculosis Officer, we have no direct information about the number of cases receiving allowances.

VENEREAL DISEASE.

The nearest Clinic is at Burnley and any cases discovered are advised to attend this Clinic.

ILLEGITIMATE CHILDREN.

There are no special workers in this area, but the Burnley and District House of Help does good work in this direction.

LABORATORY WORK.

This work is carried out at the Public Health Laboratory, Meadow Street, Preston, as and when necessary.

The Lancashire County Council provides and maintains the following :-

AMBULANCE SERVICE. The Urban District is serviced by ambulances from the Divisional Ambulance Station at Reedley and both ambulances and sitting cars are available.

CHILD WELFARE SERVICE. The Infant Welfare Centre for the Urban District is held weekly under the supervision of Nurse Bush, S.R.N., S.C.M., H.V.

MIDWIFERY SERVICE. There is one District Midwife assigned to Brierfield who resides within the District.

SUMMARY OF VITAL STATISTICS.

Per 1,000 Estimated Population.

	<u>Crude Live Birth Rate.</u>	<u>Crude Death Rate.</u>
Mean of 5 years 1956 - 1960	14.6	14.9
Year 1960	13.3	17.9
Year 1961	16.7	15.7
Increase or decrease in 1961 on 5 years average 1956-60	+2.1	+0.8
Previous Year	+3.4	-2.2

	<u>MATERNAL MORTALITY RATE.</u>	<u>DEATH RATE</u>
	<u>per 1,000 Live Births</u>	<u>of Infants under 1 yr per 1,000 Live Births</u>
	<u>Per 1,000 Live and Stillbirths</u>	

Mean of 5 years 1956 - 1960	1.9	1.8	26.0
Year 1960	Nil	Nil	33.3
Year 1961	Nil	Nil	77.6
Increase or decrease in 1961 on 5 years average 1956 - 60	-1.9	-1.8	+ 51.6
Previous Year	Nil	Nil	+ 44.3

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

DURING THE YEAR.

DISEASE	TOTAL CASES	Under 1 yr	1-3	3-5	5-10	10-15	15-25	25-65	Over 65	Total cases rem'd to Hosp.	Deaths in Hosp. of pers. belg. to Dist.
Dysentery	1	-	-	-	-	1	-	-	-	-	-
Erysipelas	2	-	-	-	-	-	-	2	-	-	-
Meningococcal Infection	1	-	1	-	-	-	-	-	-	-	-
Measles	25	2	8	6	9	-	-	-	-	-	-
Acute Pneumonia	7	-	-	-	-	-	1	2	4	-	-
Scarlet Fever	2	-	1	1	-	-	-	-	-	-	-
Whooping Cough	1	1	-	-	-	-	-	-	-	-	-
	39	3	10	7	9	1	1	4	4	-	-

SANITARY ADMINISTRATION.

BRIERFIELD URBAN DISTRICT COUNCIL.

PUBLIC HEALTH, CLEANSING AND SEWAGE COMMITTEE :- Chairman, Councillor Clegg, Vice-Chairman, Councillor Rawlinson, Councillors Birtwell, Birtwhistle, Edmondson, Gregory, Greenwood, Hardacre, Kinder, Mackie, Twist and Woodcock.

PUBLIC HEALTH OFFICERS.

<u>Medical Officer of Health.</u>	Dr. Arthur Barlow. M.B., Ch.B. Part-time, Practitioner and Treasury Medical Officer.
<u>Public Health Inspector.</u>	Ernest Wrigley, C.S.I.B., M.A.P.H.I., M.R.I.P.H.H. Certificate of the R.S.H. and S.I.E.J.B. Certificate R.S.H. for Inspector of Meat and Other Foods. Certificate of the Royal Institute of Public Health and Hygiene.
<u>Qualifications :-</u>	All normal Public Health Inspector's duties and Cleansing Superintendent.

WATER SUPPLIES. Brierfield is supplied with a constant supply of water from the mains of the North Calder Water Board and there were no new sources of supply during the year. The water is of good quality and in good supply apart from a few houses in the Marsden Heights area where the supply is intermittent. The North Calder Water Board has agreed to erect a new pumping station to serve the Marsden Heights area. This should ensure a normal supply for this area within the next twelve months. All dwellinghouses within the District, except one, are supplied direct from public mains. The one exception, which is supplied by spring water, is an isolated farm dwelling and is a considerable distance from the nearest public main. During the year the Water Department re-serviced 28 houses where the existing joint service pipe was found to be inadequate.

Supplies to Houses. The number of houses supplied direct from public mains is 2,671. There was one extension to the water mains during the year.

WATER SAMPLING.

<u>Public Mains.</u>	Number of Bacteriological examinations Results:- All four satisfactory.	4
<u>Private Supply.</u>	Number of Bacteriological examinations Results:- Two were satisfactory and two were unsatisfactory showing fairly large B. Coli counts. The well from which the unsatisfactory samples were obtained has been thoroughly cleansed, re-lined, a dry area has been made around the well and a new pump fitted. When this work was completed two further samples of the water were taken and the Laboratory Report stated that they were "Highly satisfactory".	4
<u>SWIMMING BATHS.</u>	There are no Swimming Baths or Pools within the District.	

SEWAGE DISPOSAL. The sewage is carried by gravity feed to the Disposal Works at the lowest part of the District. Treatment is by means of screens, detritus tanks, sedimentation tanks, rotary filters and humus tanks. The effluent from the works is discharged into Pendle Water.

CLOSET ACCOMMODATION.

<u>Number of Privy Middens.</u>	Nil
<u>Number of Pail Closets.</u>	There are six only at isolated dwellings and these are emptied weekly by Council employees.
<u>Number of Fresh Water Closets.</u>	1,975.
<u>Number of Waste Water Closets.</u>	930.

Conversions during the Year.

Number of Pail Closets to fresh water closets	Nil
Number of waste water closets to fresh water closets	91
Number of houses on the water carriage system	2664

Chief Sanitary requirement of the District. The conversion of all waste water closets to the fresh water system.

PUBLIC CLEANSING. This is carried out by direct labour with a Shelvoke & Drewry 16/18 cu. yd. Fore and Aft Tipper. Domestic refuse and refuse from shops, factories etc., is collected weekly and disposed of by controlled tipping.

<u>Number of Moveable Ashbins.</u>	2,946
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SALVAGE. The collection of salvage has been maintained and the following amounts of materials were salvaged during the year

<u>Weights.</u>	<u>Materials.</u>	<u>Amount realised.</u>			
T.	c.	q.	£.	s.	d.
143.	12.	0.	Waste Paper	1145.	14. 10.
1.	18.	0.	Rags and String	23.	6. 1.
3.	8.	0.	Scrap Metal	17.	18. 0.
<u>148.</u>	<u>18.</u>	<u>0.</u>		<u>£</u>	<u>1186. 18. 11.</u>

For comparison purposes the statistics relating to the last five years are as follows :-

<u>Year</u>	<u>Weight of Salvage.</u>	<u>Total Revenue.</u>
	T. c. q.	£. s. d.
1956	132. 6. 3.	1091. 16. 8.
1957	142. 15. 0.	1117. 15. 1.
1958	149. 14. 0.	1183. 11. 10.
1959	133. 1. 0.	1000. 15. 6.
1960	131. 2. 3.	1085. 15. 1.

SANITARY INSPECTIONS DURING 1961. (Including Housing).

<u>Number of Complaints received</u>	98
<u>Number of Premises visited</u>	1767
<u>Number of Visits made</u>	2496
<u>Number of defects or nuisances discovered</u>	162
<u>Number of defects remedied</u>	141
<u>Number of Notices served (Statutory)</u>	5
<u>(Informal)</u>	142

DISINFESTATION. Four dwellings were treated during the year, all for cockroach infestation. Vermicide spray and D.D.T. Powder with Pyrethrins were used.

CAMPING SITES AND MOVEABLE DWELLINGS. There are no caravans or sites licensed under the Public Health Act, 1936, and no licences have been applied for under the Caravan Sites and Control of Development Act, 1960.

PET ANIMALS ACT, 1951. Two shops were licensed under this Act. The premises are maintained in a clean and satisfactory condition.

H O U S I N G.

CONDITION. The majority of the houses are terraced, stone built and from 30 to 70 years old. The later types are brick built and mainly semi-detached. Most of them are owner/occupier and well maintained. There are still vacant houses for sale within the district, the majority of owners being reluctant to re-let.

BACK TO BACK HOUSES. There are 16 such houses, the majority are owner/occupier and are extremely well maintained and in very good condition.

NEW BUILDINGS. Eight new one-bedroom Flats for old people were erected by the Local Authority during 1961. Forty nine houses were completed during the year by private enterprise.

OVER-CROWDING. No new cases were reported during the year.

INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

- | | | |
|---------|--|-----|
| (1) (a) | Total number of dwellinghouses inspected formally or informally for housing defects under the Public Health or Housing Acts. | 114 |
| (b) | Number of inspections, formal or informal, made. | 241 |
| (c) | Number of houses found not to be in all respects fit for human habitation, but capable of being rendered fit. | 81 |

CLEARANCE AREAS, Housing Act, 1957.

Number of dwellinghouses demolished during year. Nil

Number of persons displaced. Nil

HOUSES NOT INCLUDED IN CLEARANCE AREAS, Housing Act, 1957.

- | | | |
|---------|---|-----|
| (1) (a) | Demolished as a result of formal or informal procedure (Section 17) | Nil |
| (b) | Closed in pursuance of an undertaking given by owners and still in force. (Section 16). | 2 |
| (II) | Number of persons displaced. | 3 |
| (III) | Parts of buildings closed. (Section 18). | Nil |
| | Number of persons displaced. | Nil |

REPAIRS DURING THE YEAR.

(a) Unfit houses rendered fit and houses in which defects were remedied during the year as a result of informal action by the Local Authority under the Housing or Public Health Acts.	107
(b) Public Health Act - action after service of formal notice, houses in which defects were remedied, (i) By Owners (ii) By Local Authority in default of owners.	3 Nil
(c) Housing Act, 1957 - action after service of formal notice (Sections 9 and 16) houses made fit, (i) By Owners (ii) By Local Authority in default of owners.	Nil Nil

HOUSE PURCHASE AND HOUSING ACT, 1959 - Standard Grants.

Action during the year.	Number of Schemes.	Number of dwellings or other buildings affected.
(a) Submitted to Local Authority	76	76
(b) Approved by Local Authority	73	73
(c) Work completed	69	69

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Number of Distributors registered by the Local Authority and operating from :-

(a) Dairies in the District	5
(b) Premises outside the District	7
(c) Shops in the District other than Dairies	35

The Lancashire County Council is the Food and Drugs Authority and all Dealer's Licences for 1961 were issued by the County Council in accordance with Section 12 of the Milk (Special Designation) Regulations, 1960.

MILK SAMPLING. During the year 74 samples of milk were obtained, 44 of which were Raw Milk (Tuberculin Tested) 22 Pasteurised and 8 Sterilised. These samples were submitted to the Public Health Laboratory for bacteriological examination with the following results :-

Type of Test.	No. of Samples.	Results.
Tuberculosis	44	41 satisfactory, 3 no result.
Brucellosis	44	34 negative, 5 positive and 5 no result.
Methylene Blue	22	21 satisfactory, 1 unsatisfactory
Phosphatase	22	All satisfactory
Turbidity	8	All satisfactory

One sample of Tuberculin Tested milk which was positive Brucella Abortus was produced outside the District and this was referred to the Local Authority concerned. The other positive sample was produced within the District and the farmer immediately disposed of the two affected beasts for slaughter.

ICE CREAM SAMPLES. Fifty five samples of Ice Cream were obtained during the year and submitted to the Public Health Laboratory. 53 samples were Grade I and the remaining two samples were Grade II.

SLAUGHTERING FACILITIES. There are no public or private slaughterhouses in operation within the District

FOOD POISONING. There were no cases of Food Poisoning during the year.

FOOD PREMISES. The number of Food Premises by type of business in the District at the end of 1961 was as follows :-

Type of Business.	Number.	Number of Inspections.
General Grocers	34	88
Greengrocers and Fruiterers (including wet fish)	5	23
Butchers and Cooked Meats	14	74
Bakers and Confectioners	11	38
Fried Fish Shops	6	30
Sugar Confectionery, Ice Cream, Minerals etc.	16	134
Licensed Hotels	10	49
Other Licensed premises, Canteens, Snack Bars etc.	18	53
Others	1	4

Premises registered under Section 16 of the Food and Drugs Act, 1955 or under Local Acts.

Type of Business.	No. Registered.	No. of Inspections of registered premises during the year.
Butchers and Meat Products	14	74
Bakers and Confectioners	8	38
Grocers and Mixed	16	88
Sweets and Soft Drinks	15	129

FACTORIES ACTS, 1937 to 1959.

Particulars of inspections made under these Acts are given in the Appendix to this Report.

ATMOSPHERIC POLLUTION.

Number of Factory chimneys in the District 5
Observations taken during the year 40
Smoke nuisances discovered Nil

RODENT CONTROL.

Two treatments of the Council's sewers were carried out during the year. 15 manholes showed pre-bait takes on one or more days. In addition the following infested properties were treated.

Local Authority Property. Dwellinghouses. Business Premises.

PRESCRIBED PARTICULARS ON THE ADMINISTRATION
OF THE FACTORIES ACT, 1937.

PART I OF THE ACT.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspector).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authy.	3	4	-	-
(ii) Factories not included in (i) in which Sec. 7 is enforced by Local Authy.	50	62	2	-
(iii) Other premises in which Sec. 7 is enforced by Local Authy. (excluding out-worker's premises)	4	5	-	-
TOTAL	57	71	2	-

2. Cases in which DEFECTS were found. (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more cases).

Particulars	Number of Cases in which defects were found				Number of cases in which prosecutions were instituted	
	Found	Remedied	Referred			
			To H.M. Inspector	By H. M. Inspector		
Want of Cleanliness (S.1.)	2	2	-	-	-	
Overcrowding S.2	-	-	-	-	-	
In unreasonable Temperature S.3	-	-	-	-	-	
Inadequate Ventilation S.4	-	-	-	-	-	
Ineffective Drainage of floors S.6	-	-	-	-	-	
Sanitary Conveniences S. 7	-	-	-	-	-	
a) Insufficient	-	-	-	-	-	
b) Unsuitable or defective	-	-	-	-	-	
c) Not separate for sexes	-	-	-	-	-	
Other offences against the Act	-	-	-	-	-	
Not including offences relating to Out-workers)	-	-	-	-	-	
	2	2	-	-	-	

PART VIII OF THE ACT.

OUT WORK.

(Sections 110 and 111).

Section 110			Section 111		
Number of Out-workers in August list required by Section 110 (1) (c)	Number of cases of default in sending lists to the Council	Number of prosecu- tions for failure to supply lists	Number of instances of work in unwhole- some premises	Notices served	Prosecu- tions
Nil	Nil	Nil	Nil	Nil	Nil

